

## Lehigh Valley Watershed

**Purpose:** The students will construct a brochure for a community along the Lehigh River. The goal of this brochure is to inform and attract visitors.

**Procedure:** Students must include the following items in their brochure.

1. Major events
2. Organisms and their special adaptations
3. Weather and climate
4. A good sense of earth and environmental history
5. A compelling reason to visit
6. Two or more illustrations
7. Cite two or more sources



Journey Through Time  
in the Lehigh Valley



Wildlife Along the Lehigh River Canal...

**Three hot ones, two cold ones, and a splash.**

Work Cited

Photos: [ehrenreicht.hypermart.net](http://ehrenreicht.hypermart.net)

River Map: [www.lehighriversguides.com](http://www.lehighriversguides.com)

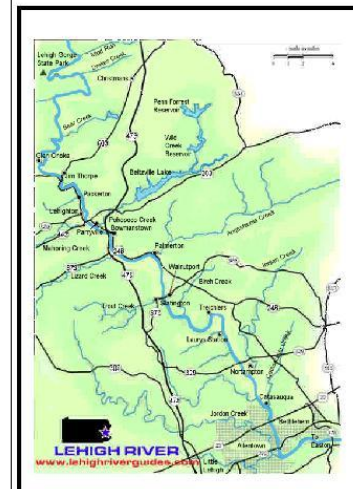
Place your name here.  
Ehrenreich 2002

  
[ehrenreicht.hypermart.net](http://ehrenreicht.hypermart.net)



## Wild Things Brochure

Name your place here.



**Three hot ones, two cold**

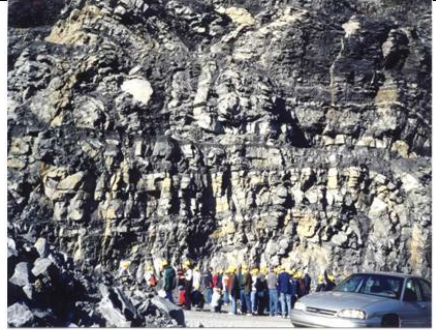
Write a short note describing the above graphic here.

The valley was created by three hot collisions, two cold glaciations, and a flood.

# Lehigh Valley Watershed

Travel Through Time: *Ordovician Sea*  
*Insert time and place here.*

*Place your graphic here: Could this be an Ordovician Sea? Yesterday and Today.*



**Life Along the River**

Discuss what was happening in the watershed.

- ◆ *During the Ordovician Period, the Lehigh River did not exist. The whole basin was submerged underwater, in a warm, tropical sea somewhere near the equator.*
- ◆ \_\_\_\_\_

**Weather and Climate**

What was the weather like? How did that affect the organisms? What type of climate was it (hot, cold, wet, or dry)?

- ◆ *Tropical Climate: Hot and Wet*
- ◆ *Organisms: Survived underwater; algae lived in the photosynthetic zone*
- ◆ \_\_\_\_\_

**Things to Do:**

List interesting and fun adventures.

- ◆ *Scuba diving and snorkeling. Be careful of the volcanic ash, it clogs airways and passageways.*
- ◆ *Collect and examine marine organisms.*
- ◆ \_\_\_\_\_

**Other:**

Dine on rare and exotic fish.

- ◆ \_\_\_\_\_
- ◆ \_\_\_\_\_
- ◆ \_\_\_\_\_

*Place Special Graphic Title Here.*



*Place special graphic here.*

**Life:** Discuss some of the different life forms. What are their names? What did they do?

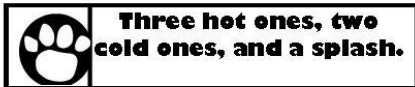
**Thriving in the oceans:**

- ◆ *Trilobites (underwater scavengers)*
- ◆ *Jawless fish (open mouths like an eel)*
- ◆ *Jellyfish (expert hunters)*
- ◆ *Sponges and corals (reef dwellers)*
- ◆ *Worms lived in the sediment (including Planaria)*
- ◆ *Crinoids (animals that look like plants)*

\_\_\_\_\_

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## Earth and Environmental Science

*Place your name here.*  
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